Agency IT Strategic Plan

The Information Technology Strategic Planning effort is conducted by the Virginia Information Technologies Agency.

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Agency IT Strategic Plan

Secretariat: Education   Agency Code: 209

Agency: University of Virginia Medical Center

Agency Mission Statement:

The mission of the University of Virginia Medical Center (Agency 209) is to provide excellence and innovation in the care of patients, the training of health care professionals and the creation and sharing of health knowledge

Agency IT Vision Statement:

The core IT vision is to provide effective, contemporary automated systems that benefit caregivers' work processes and strengthen knowledge-driven decision making throughout the Medical Center. Objectives include: providing caregivers with clinical information support both at the point of care and at the work place of the caregiver; enhancing the efficiency and effectiveness of Medical Center Operations; providing a base of information for the functions of quality assurance, research, education and cost containment; providing both ease of access to and security/ confidentiality for patient information; and maintaining responsive and reliable information processing service 24 by 7.

Note: FTEs (next field) includes 604 housestaff (physicians in training) on educational stipends.

Total Employees: 5,034

Total IT Employees: 158

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<u>Project Selection Criteria:</u>	IT projects are introduced through customer assessment (user groups and annual survey), through strategic planning initiatives, and through the requirements to comply with safety, accreditation and regulatory entities. Return on investment, technical standardization, and prioritization criteria are set and applied by the Information Technology Governance Council which is a advisory council comprised of senior leadership of the Health System inclusive of the University's Director of Internal Audit.
<u>Business Case Development:</u>	The Medical Center participates in operational/ clinical benchmarking with other academic medical centers. This benchmarking of best practices, in addition to patient safety and 'best place to care' initiatives, generates information to organizational decisionmakers on operational improvement focus areas. As areas of improvement or business opportunities are identified, systematic use of internal and external decision support (ie patient volume, physician productivity,etc) generate relevant detail to determine if a business case with an ROI can be made.
<u>Risk Assessment Methodologies:</u>	Major projects are evaluated in terms of the 9 elements JLARC identified as key factors to minimize project risks and failures. Additionally, the Auditor of Public Accounts (APA) conducts quarterly progress reviews of the clinical system implementation. Effective project management, extensive involvement of customers in design and testing, and scheduled updates to senior leadership oversight teams are the mechanisms utilized to reduce risk on projects.
<u>Prioritization Schema:</u>	Projects are prioritized within the context of the Medical Center's strategic business plan and on the following criteria: patient safety, patient satisfaction, community outreach, support of patient/physician linkages and efficiencies, regulatory requirements, empowerment of employees, improvement of information-driven decision making, reduction of expenses/improvement in workflow productivity and support of our academic and research mission.

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Core Business Activities:

Core Business Activity Title	Core Business Activity Description	Core Business Actity Sub-Function Title	Core Business Activity Sub-Function Description
DETECTION, DIAGNOSIS AND TREATMENT	Efforts to improve the physical and mental well-being of the individual and/ or family through the detection, diagnosis, and treatment of illness.	State Health Services	Efforts to provide direct health care services to individuals and families through state-operated facilities.
DETECTION, DIAGNOSIS AND TREATMENT	Efforts to improve the physical and mental well-being of the individual and/ or family through the detection, diagnosis, and treatment of illness.	Administrative and Support Services	Efforts to provide overall administrative and logistical support services.

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Key Customers Associated With Each Core Business Activity :

Core Business Activity Title	Core Business Activity Description	Core Business Actity Sub-Function Title	Core Business Activity Sub-Function Description
DETECTION, DIAGNOSIS AND TREATMENT	Efforts to improve the physical and mental well-being of the individual and/ or family through the detection, diagnosis, and treatment of illness.	State Health Services	Efforts to provide direct health care services to individuals and families through state-operated facilities.

Key Customers

> all patients needing high quality health care regardless of ability to pay; serving Va. USA & beyond

DETECTION, DIAGNOSIS AND TREATMENT	Efforts to improve the physical and mental well-being of the individual and/ or family through the detection, diagnosis, and treatment of illness.	Administrative and Support Services	Efforts to provide overall administrative and logistical support services.

Key Customers

> all patients needing high quality health care regardless of ability to pay; serving Va. USA & beyond

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Key Activites and Associated Outcomes:

Key Activity	Associated Outcome
Protect the confidentiality of patient information in compliance with State legislation and HIPAA	Minimize access to protected health information; access granted on a 'need to know' basis consistent with HIPAA
Provide the applications and technical infrastructure that enable cohesive communication of patient information consistently across the continuum of care (inpatient, outpatient, ER, home health)	Facilitate clinical communications with referring physicians and other health care organizations
	Improve efficiency for our careproviders and staff that render patient service
	Support quality and effectiveness in the provision of exceptional service to our patients

Agency IT Strategic Plan

Major IT Projects

Approved for Preliminary Planning — The following project(s) scheduled for initiation in the 2004-2006 Budget Biennium is (are) approved for inclusion in your IT Strategic Plan. A project proposal must be submitted to the CIO before the project(s) will be considered for planning approval. Procurements in support of the project(s) are not approved for submission to the VITA Project Management Division (PMD) for execution until the project has been Approved for Planning by the CIO. For detailed instructions refer to the Interim Procedures for the Initiation and Approval of Major and Non-major Information Technology Projects. http://www.vita.virginia.gov/projects/cpm/cpmDocs/projectInitInterimProcs030903.doc

There are no major projects approved for preliminary planning.

Approved for Planning — The following project(s) scheduled for initiation in the 2004-2006 Budget Biennium is (are) approved for planning. This approval constitutes authorization to undertake the planning necessary to complete a detailed project proposal and project charter for consideration by the Secretariat Oversight Committee and the CIO. Projects "Approved for Planning" must be formally approved for development by the Commonwealth IT Investment Board prior to beginning Phase 3 of the project lifecycle (Project Planning) and execution as defined in the Commonwealth Project Management Guideline. Procurements in support of developing the detailed project proposal and charter are approved for submission to the VITA Project Management Division (PMD) for execution, in accordance with PMD procedures. For detailed instructions refer to the Interim Procedures for the Initiation and Approval of Major and Non-major Information Technology Projects.
http://www.vita.virginia.gov/projects/cpm/cpmDocs/projectInitInterimProcs030903.doc

Project Formal Title	Planned Start Date	Planned Completion Date	Estimate At Completion
Clinical System Implementation	06/30/1999	06/30/2007	$14,200,000

Active Projects — The following project(s) are(is) scheduled to continue in the 2004-2006 Budget Biennium as an Active Project. All Active Projects must be tracked on the Commonwealth Information Technology Major Projects Dashboard and are subject to monthly review by the CIO. The CIO is authorized to assess progress of all Active Projects and recommend termination of a project to the Commonwealth IT Investment Board.

There are no major projects in the active projects category.

Collaboration Opportunity — The following project(s) is (are) designated as a Collaboration Opportunity. Your agency should consult with the other agencies listed on the corresponding collaboration report and evaluate whether collaboration between agencies on these projects is feasible. The results of your collaboration efforts and evaluation should be reported when the project is presented to the Commonwealth IT Investment Board for "Development Approval".

Laboratory or Clinical Information Management Systems

Review other projects associated with providing laboratory support processing, clinical information management, or patient management by health providers or health related service providers to determine if opportunities for collaboration exist.

Clinical System Implementation

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Major IT Procurements

Approved Major IT Procurements - The following major procurements are approved for submission to the VITA Project Management Division (PMD) for execution in accordance with PMD procedures.

There are no approved major procurements.

Disapproved Major IT Procurements - The following major procurements are not approved for submission to the VITA Project Management Division (PMD). The agency should not take any action on the major procurements listed below.

There are no disapproved major procurements.

Non-major IT Projects

Approved for Planning— The following project(s) scheduled for initiation in the 2004-2006 Budget Biennium is (are) approved for planning. This approval constitutes authorization to undertake the planning necessary to complete a detailed project proposal and project charter for consideration by the CIO. Projects "Approved for Planning" must be formally approved for development by the CIO prior to beginning Phase 3 of the project lifecycle (Project Planning) and execution as defined in the Commonwealth Project Management Guideline. Procurements in support of developing the detailed project proposal and charter are approved for submission to the VITA Project Management Division (PMD) for execution, in accordance with PMD procedures. For detailed instructions refer to the Interim Procedures for the Initiation and Approval of Major and Non-major Information Technology Projects.

http://www.vita.virginia.gov/projects/cpm/cpmDocs/projectInitInterimProcs030903.doc

   There are no non-major projects approved for planning.

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Non-major IT Procurements

Approved Non-major IT Procurements - The following non-major procurements are approved for submission to the VITA Project Management Division (PMD) for execution in accordance with PMD procedures.

  There are no approved non-major procurements.

Disapproved Non-major IT Procurements - The following non-major procurements are not approved for submission to the VITA Project Management Division (PMD). The agency should not take any action on the major procurements listed below.

  There are no disapproved non-major procurements.